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INSTRUMENTS & ENGINEERING

SAT-17M2

Handheld Fusion Splicer

SAT-17M2 is one of the lightest fusion splicers, with dual operation of buttons and touch screen. It is an integrated machine with built-in VFL and OPM functions, fast and low loss splice and auto heating, which is an ideal splicing machine for FTTH and security monitoring.

Features

- Ultra-light weight: 1.3kg with battery
- Low splice loss
- Fast splicing: 7s (typical)
- Fast heating: 15s (for 40mm protective sleeves)
- All-in-one fiber holder, compatible with bare fiber, pigtail, jumper and other fibers
- Auto-start heating (built-in sensor)
- Dual operation: buttons and touch screen
- Multi-function: built-in VFL and OPM
- Locking function by password for easy machine management
- Wind protective, dustproof, water-proof

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Technical Specifications

Alignment Method	Precise cladding, manual alignment
Applicable Fiber	ITU-T G.651~653、G.655、G.657 fiber, pigtail, drop cable, etc.
Fiber Diameter	Cladding: 80~150μm; Coating: 0.1~3mm
Typical Splice Loss	0.04Db(SMF); 0.03dB(MMF);0.04dB(DSF); 0.05dB(NZDSF)
Splicing Time	7s (Typical)
Heating Time	≤15s (40mm protective sleeves)
Heat Shrink Sleeve	60mm, 40mm and 20mm. etc
Image Display	4.3 inch LCD touch screen
Splicing Record	30,000pcs data & 200 images
Battery Capacity	3000mAh (120 splicing and heating cycles)
Battery Life	300~500 recharge cycles, replaceable
Electrode Life	Typical 4000 times, replaceable
Lighting	Built-in lights
Operating Environment	Temp: -10~50℃; Humidity: 0~95%RH; Altitude: 0~5000m
User Interface	GUI graphical user interface
Power Supply	AC: 100~240V, 50/60Hz; DC: 10~15V
Interface	USB
VFL and OPM	Calibration wavelengths: 1300/1310/1490/1550/1625/1650 (nm)
Weight	1.3kg with battery

Standard Configuration

No.	Name & Description	Quantity
1	Splicing Machine Host	1pc
2	High Precision Fiber Cleaver	1pc
3	Carry Case	1pc
4	Power Cord	1pc
5	Power Adapter	1pc
6	Fiber Stripper	1pc
7	Drop Cable Stripper	1pc
8	Spare Electrodes	1pair
9	Alcohol Bottle	1pc
10	Cooling Tray	1pc
11	User Manual	1pc

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